$13068500 \; BLACKFOOT \; RIVER \; NEAR \; BLACKFOOT, ID--Continued \\$ $WATER-QUALITY \; RECORDS$

PERIOD OF RECORD.--Water years 1966, 1968-1970, 1972-1981, July 1989 to current year.

PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: May to September, 1996 (discontinued).

INSTRUMENTATION.--Temperature recording data logger.

EXTREMES FOR PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: Maximum, 25.4 °C July 27, 1996.

EXTREMES FOR CURRENT YEAR.--

WATER TEMPERATURE: Maximum, 25.4 °C July 27.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DATE	TIME	DIS- CHARGE, INST. CUBIC FEET PER SECOND (00061)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	TEMPER- ATURE AIR (DEG C) (00020)	TEMPER- ATURE WATER (DEG C) (00010)	TUR- BID- ITY (NTU) (00076)	OXYGEN, DIS- SOLVED (MG/L) (00300)	OXYGEN DIS- SOLVED (PER- CENT SATUR- ATION)	FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML)	100 MI
APR 25	1245	221	431	8.2	11.5	8.5	29	13.0	129	94	270
MAY 23 JUN	1707	309	389	8.2	14.0	13.0	80	7.4	82	290	330
20 JUL	1417	159	304	8.5	27.0	17.5	9.4	10.1	125	170	250
18 AUG	0840	137	336	8.4	15.0	18.0	4.5	8.6	107	400	490
22 SEP	0820	103	325	8.2	9.5	15.5	2.7	8.8	103	400	350
19	1245	198	347	8.4	18.0	11.5	1.9	10.3	110	150	310
DATE	HARD- NESS TOTAL (MG/L AS CACO3)	CALC DI SOL (MG AS (CIUM S- VED G/L CA)	MAGNE - SIUM, DIS - SOLVED (MG/L AS MG) 00925)	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	SODIUM PERCENT (00932)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	BICA BONA WATE WH F: FIEL MG/L HCO (0044	TE ER ET JD AS 1	CAR- BONATE WATER WH FET FIELD MG/L AS CO3 (00445)	ALKA- LINITY WAT WH TOT FET FIELD MG/L AS CACO3 (00410)
SEP 19	160	41		13	10	12	2.4	160)	2	139
DATE	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	DI SOL (MG AS	DE, S- VED G/L CL)	FLUO- RIDE, DIS- SOLVED (MG/L AS F) 00950)	SILICA, DIS- SOLVED (MG/L AS SIO2) (00955)	SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTI- TUENTS, DIS- SOLVED (MG/L) (70301)	SOLIE DIS SOLV: (TON PER AC-F' (7030	ED IS L	SOLIDS, DIS- SOLVED (TONS PER DAY) (70302)	
SEP 19	27		9.5	0.5	13	207	200	0	. 28	111	
DATE	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N) (00613)	DI SOL (MG AS	N, NO3 F S- VED S/L N)	NITRO- GEN, MMMONIA DIS- SOLVED (MG/L AS N) 00608)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	PHOS- PHORUS ORTHO, DIS- SOLVED (MG/L AS P) (00671)	SEDI MENT SUS PEND: (MG/:	., - ED L)	SEDI- MENT, DIS- CHARGE, SUS- PENDED (T/DAY) (80155)	
APR 25	<0.	01	0.21	<0.015	0.5	0.12	0.	01 357		213	
MAY 23		02	0.21	0.040	0.3	0.05	0.			365	
JUN 20	<0.	01	0.06	0.030	0.2	0.03	0.	02 49		21	
JUL 18	<0.	01	0.06	0.030	0.3	<0.01	0.	02 55		20	
AUG 22	<0.	01	<0.05	<0.015	0.3	<0.01	<0.	01 18		5.0	
SEP 19	0.	01	0.12	0.040	0.3	0.03	<0.	01 21		11	

13068500 BLACKFOOT RIVER NEAR BLACKFOOT, ID--Continued

WATER TEMPERATURE, DEGREES CELSIUS, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		APRIL			MAY			JUNE	
1 2							15.7 16.9	12.1 12.9	13.6 14.7
3							18.2	14.1	15.9
4 5							19.7 19.4	15.2 15.2	17.1 17.0
5							19.4	15.2	17.0
6							21.5	14.4	17.5
7 8							22.8 23.3	13.9 16.8	18.2 19.7
9							23.3	16.8	19.7
10							22.5	17.6	19.7
11							21.7	17.1	19.2
12							21.7	16.3	18.5
13							22.3	16.8	18.9
14 15							22.3 23.2	16.8 17.4	19.0 19.6
15							23.2	17.4	19.0
16							23.2	17.4	20.1
17 18							22.0 18.5	16.8 14.6	19.2 16.5
19							18.9	13.0	15.5
20							18.7	14.1	16.0
21							20.8	14.0	17.0
22							20.3	14.2 14.6	17.0
23							21.5	13.6	17.4
24				13.9	10.4	11.9	21.2	14.6	17.7
25				13.5	11.5	12.4	22.3	14.4	18.1
26				12.9	11.9	12.5	21.5	15.2	18.3
27				14.2	11.0 12.0	12.6 13.0	22.2	15.5	18.7 17.0
28 29				13.5 12.4	11.1	11.8	19.2 19.9	15.4 14.6	16.9
30				13.6	10.7	12.0	20.7	16.0	18.1
31				14.2	11.6	12.8			
MONTH							23.3	12.1	17.7
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
DAY	MAX	MIN	MEAN	MAX	MIN AUGUST			MIN SEPTEMB	
		JULY			AUGUST	,		SEPTEMB!	ER
DAY 1 2	MAX 22.3 24.7		MEAN 19.4 20.9	MAX 22.8 22.2		20.9	19.7	SEPTEMB	
1 2 3	22.3 24.7 23.7	JULY 17.3 18.2 18.2	19.4 20.9 20.8	22.8 22.2 20.7	AUGUST 19.5 18.6 17.6	20.9 20.1 19.0	19.7 19.0 19.0	15.8 14.9 14.9	17.4 16.6 16.7
1 2 3 4	22.3 24.7 23.7 25.4	JULY 17.3 18.2 18.2 19.2	19.4 20.9 20.8 21.8	22.8 22.2 20.7 19.5	19.5 18.6 17.6 15.8	20.9 20.1 19.0 17.4	19.7 19.0 19.0 19.7	15.8 14.9 14.9 15.2	17.4 16.6 16.7 17.1
1 2 3	22.3 24.7 23.7	JULY 17.3 18.2 18.2	19.4 20.9 20.8	22.8 22.2 20.7	AUGUST 19.5 18.6 17.6	20.9 20.1 19.0	19.7 19.0 19.0	15.8 14.9 14.9	17.4 16.6 16.7
1 2 3 4 5	22.3 24.7 23.7 25.4 23.9	JULY 17.3 18.2 18.2 19.2 18.9	19.4 20.9 20.8 21.8 21.1	22.8 22.2 20.7 19.5 20.2	19.5 18.6 17.6 15.8 15.0	20.9 20.1 19.0 17.4 17.1	19.7 19.0 19.0 19.7 17.9	15.8 14.9 14.9 15.2 14.6	17.4 16.6 16.7 17.1 16.4
1 2 3 4 5	22.3 24.7 23.7 25.4 23.9 22.8	JULY 17.3 18.2 18.2 19.2 19.2 17.1 17.4	19.4 20.9 20.8 21.8 21.1	22.8 22.2 20.7 19.5 20.2 20.0	19.5 18.6 17.6 15.8 15.0	20.9 20.1 19.0 17.4 17.1 17.3	19.7 19.0 19.0 19.7 17.9	15.8 14.9 14.9 15.2 14.6	17.4 16.6 16.7 17.1 16.4 14.8 14.9
1 2 3 4 5	22.3 24.7 23.7 25.4 23.9	JULY 17.3 18.2 18.2 19.2 18.9	19.4 20.9 20.8 21.8 21.1	22.8 22.2 20.7 19.5 20.2	19.5 18.6 17.6 15.8 15.0	20.9 20.1 19.0 17.4 17.1	19.7 19.0 19.0 19.7 17.9	15.8 14.9 14.9 15.2 14.6	17.4 16.6 16.7 17.1 16.4
1 2 3 4 5	22.3 24.7 23.7 25.4 23.9 22.8 22.8 23.2	JULY 17.3 18.2 18.2 19.2 18.9 17.1 17.4 17.7	19.4 20.9 20.8 21.8 21.1 19.7 19.9 20.1	22.8 22.2 20.7 19.5 20.2 20.0 20.8 22.3	19.5 18.6 17.6 15.8 15.0 15.2 14.9	20.9 20.1 19.0 17.4 17.1 17.3 17.6 18.7	19.7 19.0 19.0 19.7 17.9	15.8 14.9 14.9 15.2 14.6 13.0 12.9 13.3	17.4 16.6 16.7 17.1 16.4 14.8 14.9
1 2 3 4 5 6 7 8 9	22.3 24.7 23.7 25.4 23.9 22.8 22.8 23.2 23.5 24.4	JULY 17.3 18.2 18.2 19.2 18.9 17.1 17.4 17.7 18.9 18.9	19.4 20.9 20.8 21.8 21.1 19.7 19.9 20.1 20.8 21.2	22.8 22.2 20.7 19.5 20.2 20.0 20.8 22.3 23.3 23.5	19.5 18.6 17.6 15.8 15.0 15.2 14.9 15.8 16.8	20.9 20.1 19.0 17.4 17.1 17.3 17.6 18.7 19.6 20.1	19.7 19.0 19.0 19.7 17.9 17.3 17.6 18.1 19.0	15.8 14.9 14.9 15.2 14.6 13.0 12.9 13.3 13.6 14.4	17.4 16.6 16.7 17.1 16.4 14.8 14.9 15.2 16.0
1 2 3 4 5 6 7 8	22.3 24.7 23.7 25.4 23.9 22.8 22.8 23.2 23.5	JULY 17.3 18.2 18.2 19.2 18.9 17.1 17.4 17.7 18.9 18.9	19.4 20.9 20.8 21.8 21.1 19.7 19.9 20.1 20.8	22.8 22.2 20.7 19.5 20.2 20.0 20.8 22.3 23.3	19.5 18.6 17.6 15.8 15.0 15.2 14.9 15.8 16.8	20.9 20.1 19.0 17.4 17.1 17.3 17.6 18.7 19.6 20.1	19.7 19.0 19.0 19.7 17.9 17.3 17.6 18.1	15.8 14.9 14.9 15.2 14.6 13.0 12.9 13.3 13.6	17.4 16.6 16.7 17.1 16.4 14.8 14.9 15.2 16.0
1 2 3 4 5 6 7 8 9 10	22.3 24.7 23.7 25.4 23.9 22.8 22.8 23.2 23.5 24.4 24.9 24.7 24.7	JULY 17.3 18.2 18.2 19.2 18.9 17.1 17.4 17.7 18.9 17.4 18.1 18.1	19.4 20.9 20.8 21.8 21.1 19.7 19.9 20.1 20.8 21.2 21.0 21.2	22.8 22.2 20.7 19.5 20.2 20.0 20.8 22.3 23.3 23.5 24.2 24.4	19.5 18.6 17.6 15.8 15.0 15.2 14.9 15.8 16.8 17.4 17.6 18.2 18.7	20.9 20.1 19.0 17.4 17.1 17.3 17.6 18.7 19.6 20.1 20.5 21.0	19.7 19.0 19.0 19.7 17.9 17.3 17.6 18.1 19.0 19.0	15.8 14.9 15.2 14.6 13.0 12.9 13.3 13.6 14.4	17.4 16.6 16.7 17.1 16.4 14.8 14.9 15.2 16.0 16.4
1 2 3 4 5 6 7 8 9 10 11 12 13 14	22.3 24.7 23.7 25.4 23.9 22.8 22.8 23.2 23.5 24.4 24.9 24.7 24.5 24.0	JULY 17.3 18.2 18.2 19.2 18.9 17.1 17.4 17.7 18.9 18.9 17.4 18.1 18.1 19.0	19.4 20.9 20.8 21.8 21.1 19.7 19.9 20.1 20.8 21.2 21.0 21.2 21.2	22.8 22.2 20.7 19.5 20.2 20.0 20.8 22.3 23.3 23.5 24.2 24.4 24.5 24.7	19.5 18.6 17.6 15.8 15.0 15.2 14.9 15.8 16.8 17.4 17.6 18.2 18.7 18.6	20.9 20.1 19.0 17.4 17.1 17.3 17.6 18.7 19.6 20.1 20.5 21.0 21.5 21.3	19.7 19.0 19.0 19.7 17.9 17.3 17.6 18.1 19.0 19.0	15.8 14.9 14.9 15.2 14.6 13.0 12.9 13.3 13.6 14.4 15.8 14.7 16.0 15.3	17.4 16.6 16.7 17.1 16.4 14.8 14.9 15.2 16.0 16.4 16.7 16.8 17.2 16.4
1 2 3 4 5 6 7 8 9 10	22.3 24.7 23.7 25.4 23.9 22.8 22.8 23.2 23.5 24.4 24.9 24.7 24.7	JULY 17.3 18.2 18.2 19.2 18.9 17.1 17.4 17.7 18.9 17.4 18.1 18.1	19.4 20.9 20.8 21.8 21.1 19.7 19.9 20.1 20.8 21.2 21.0 21.2	22.8 22.2 20.7 19.5 20.2 20.0 20.8 22.3 23.3 23.5 24.2 24.4	19.5 18.6 17.6 15.8 15.0 15.2 14.9 15.8 16.8 17.4 17.6 18.2 18.7	20.9 20.1 19.0 17.4 17.1 17.3 17.6 18.7 19.6 20.1 20.5 21.0	19.7 19.0 19.0 19.7 17.9 17.3 17.6 18.1 19.0 19.0	15.8 14.9 15.2 14.6 13.0 12.9 13.3 13.6 14.4	17.4 16.6 16.7 17.1 16.4 14.8 14.9 15.2 16.0 16.4 16.7 16.8 17.2 16.4
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	22.3 24.7 23.7 25.4 23.9 22.8 22.8 23.2 23.5 24.4 24.9 24.7 24.5 24.0 22.0	JULY 17.3 18.2 18.2 19.2 18.9 17.1 17.4 17.7 18.9 17.4 18.1 19.0 19.5	19.4 20.9 20.8 21.8 21.1 19.7 19.9 20.1 20.8 21.2 21.0 21.2 21.2 21.4 20.7	22.8 22.2 20.7 19.5 20.2 20.0 20.8 22.3 23.3 23.5 24.2 24.4 24.5 24.7 25.1	19.5 18.6 17.6 15.8 15.0 15.2 14.9 15.8 16.8 17.4 17.6 18.2 18.7 18.6 18.1	20.9 20.1 19.0 17.4 17.1 17.3 17.6 18.7 19.6 20.1 20.5 21.0 21.5 21.3 21.6	19.7 19.0 19.0 19.7 17.9 17.3 17.6 18.1 19.0 19.0 17.7 19.5 18.7 17.6 16.6	15.8 14.9 14.9 15.2 14.6 13.0 12.9 13.3 13.6 14.4 15.8 14.7 16.0 15.3 14.2	17.4 16.6 16.7 17.1 16.4 14.8 14.9 15.2 16.0 16.4 16.7 16.8 17.2 16.4 15.2
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	22.3 24.7 23.7 25.4 23.9 22.8 23.2 23.5 24.4 24.9 24.7 24.5 22.0 22.0	JULY 17.3 18.2 18.2 19.2 18.9 17.1 17.4 17.7 18.9 18.9 17.4 18.1 19.0 19.5 19.4 18.6	19.4 20.9 20.8 21.8 21.1 19.7 19.9 20.1 20.8 21.2 21.2 21.2 21.4 20.7	22.8 22.2 20.7 19.5 20.2 20.0 20.8 22.3 23.3 23.5 24.2 24.4 24.5 24.7 25.1	AUGUST 19.5 18.6 17.6 15.8 15.0 15.2 14.9 15.8 16.8 17.4 17.6 18.2 18.7 18.6 18.1 18.2 18.7	20.9 20.1 19.0 17.4 17.1 17.3 17.6 18.7 19.6 20.1 20.5 21.0 21.5 21.3 21.6	19.7 19.0 19.0 19.7 17.9 17.3 17.6 18.1 19.0 19.0 17.7 19.5 18.7 17.6 16.6	SEPTEMB: 15.8 14.9 14.9 15.2 14.6 13.0 12.9 13.3 13.6 14.4 15.8 14.7 16.0 15.3 14.2	17.4 16.6 16.7 17.1 16.4 14.8 14.9 15.2 16.0 16.4 16.7 16.8 17.2 16.8 17.2 16.2
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	22.3 24.7 23.7 25.4 23.9 22.8 22.8 23.2 23.5 24.4 24.9 24.7 24.5 24.0 22.0	JULY 17.3 18.2 18.2 19.2 18.9 17.1 17.4 17.7 18.9 17.4 18.1 19.0 19.5	19.4 20.9 20.8 21.8 21.1 19.7 19.9 20.1 20.8 21.2 21.0 21.2 21.2 21.4 20.7	22.8 22.2 20.7 19.5 20.2 20.0 20.8 22.3 23.3 23.5 24.2 24.4 24.5 24.7 25.1	19.5 18.6 17.6 15.8 15.0 15.2 14.9 15.8 16.8 17.4 17.6 18.2 18.7 18.6 18.1	20.9 20.1 19.0 17.4 17.1 17.3 17.6 18.7 19.6 20.1 20.5 21.5 21.3 21.6 21.2 20.3 18.9	19.7 19.0 19.0 19.7 17.9 17.3 17.6 18.1 19.0 19.0 17.7 19.5 18.7 17.6 16.6	15.8 14.9 14.9 15.2 14.6 13.0 12.9 13.3 13.6 14.4 15.8 14.7 16.0 15.3 14.2	17.4 16.6 16.7 17.1 16.4 14.8 14.9 15.2 16.0 16.4 16.7 16.8 17.2 16.4 15.2
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	22.3 24.7 23.7 25.4 23.9 22.8 22.8 23.2 23.5 24.4 24.9 24.7 24.5 24.0 22.0	JULY 17.3 18.2 18.2 19.2 18.9 17.1 17.4 17.7 18.9 17.4 18.1 19.0 19.5	19.4 20.9 20.8 21.8 21.1 19.7 19.9 20.1 20.8 21.2 21.2 21.2 21.4 20.7	22.8 22.2 20.7 19.5 20.2 20.0 20.8 22.3 23.3 23.5 24.2 24.4 24.5 24.7 25.1 24.4 21.8 20.7	19.5 18.6 17.6 15.8 15.0 15.2 14.9 15.8 16.8 17.4 17.6 18.2 18.7 18.6 18.1	20.9 20.1 19.0 17.4 17.1 17.3 17.6 18.7 19.6 20.1 20.5 21.5 21.3 21.6 21.2 20.3 18.9	19.7 19.0 19.0 19.7 17.9 17.3 17.6 18.1 19.0 19.0 17.7 19.5 18.7 17.6 16.6	SEPTEMB: 15.8 14.9 14.9 15.2 14.6 13.0 12.9 13.3 13.6 14.4 15.8 14.7 16.0 15.3 14.2 12.4 11.5 10.7	17.4 16.6 16.7 17.1 16.4 14.8 14.9 15.2 16.0 16.4 16.7 16.8 17.2 16.4 15.2
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	22.3 24.7 23.7 25.4 23.9 22.8 22.8 23.5 24.4 24.9 24.7 24.5 24.0 22.0 23.0 23.7 22.7	JULY 17.3 18.2 18.2 19.2 18.9 17.1 17.4 17.7 18.9 17.4 18.1 19.0 19.5	19.4 20.9 20.8 21.8 21.1 19.7 19.9 20.1 20.8 21.2 21.0 21.2 21.2 21.4 20.7 20.8 20.7 20.8	22.8 22.2 20.7 19.5 20.2 20.0 20.8 22.3 23.3 23.5 24.2 24.4 24.5 24.7 25.1 24.4 21.8 20.7 20.3	19.5 18.6 17.6 15.8 15.0 15.2 14.9 15.8 16.8 17.4 17.6 18.2 18.7 18.6 18.1	20.9 20.1 19.0 17.4 17.1 17.3 17.6 18.7 19.6 20.1 20.5 21.5 21.3 21.6 21.5 21.3 21.6 21.5	19.7 19.0 19.0 19.7 17.9 17.3 17.6 18.1 19.0 19.0 17.7 19.5 18.7 17.6 16.6	15.8 14.9 14.9 15.2 14.6 13.0 12.9 13.3 13.6 14.4 15.8 14.7 16.0 15.3 14.2 12.4 11.5	17.4 16.6 16.7 17.1 16.4 14.8 14.9 15.2 16.0 16.4 16.7 16.8 17.2 16.8 17.2 16.4 15.2
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	22.3 24.7 23.7 25.4 23.9 22.8 23.2 23.5 24.4 24.9 24.7 24.5 22.0 23.0 22.0 23.7 22.7 21.8 22.8 23.2 24.9 24.7 24.5 22.0 22.0 23.0 23.0 23.0 23.0 23.0 23.0	JULY 17.3 18.2 18.2 19.2 18.9 17.1 17.4 17.7 18.9 18.9 17.4 18.1 19.0 19.5 19.4 18.6 18.2 17.6 17.1 16.8 17.3	19.4 20.9 20.8 21.8 21.1 19.7 19.9 20.1 20.8 21.2 21.2 21.2 21.4 20.7 20.8 20.7 20.2 19.8 19.2	22.8 22.2 20.7 19.5 20.2 20.0 20.8 22.3 23.3 23.5 24.2 24.4 24.5 24.7 25.1 24.4 21.8 20.7 20.5	AUGUST 19.5 18.6 17.6 15.8 15.0 15.2 14.9 15.8 16.8 17.4 17.6 18.2 18.7 18.6 18.1 18.2 18.7 17.4 15.4 15.8 15.8	20.9 20.1 19.0 17.4 17.1 17.3 17.6 18.7 19.6 20.1 20.5 21.0 21.5 21.3 21.6 21.2 20.3 18.9 17.8 18.2 18.4	19.7 19.0 19.0 19.7 17.9 17.3 17.6 18.1 19.0 19.0 17.7 17.5 18.7 17.6 16.6	15.8 14.9 14.9 15.2 14.6 13.0 12.9 13.3 13.6 14.4 15.8 14.7 16.0 15.3 14.2 12.4 11.5 10.7	17.4 16.6 16.7 17.1 16.4 14.8 14.9 15.2 16.0 16.4 16.7 16.8 17.2 16.2 16.2
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23	22.3 24.7 23.7 25.4 23.9 22.8 22.8 23.2 23.5 24.4 24.9 24.7 24.5 24.0 22.0 23.0 23.7 22.7 22.7 21.8 22.5 23.9 24.7	JULY 17.3 18.2 18.2 18.2 18.9 17.1 17.4 17.7 18.9 17.4 18.1 19.0 19.5 19.4 18.6 17.1 16.8 17.1 16.8 17.3	19.4 20.9 20.8 21.8 21.1 19.7 19.9 20.1 20.8 21.2 21.2 21.4 20.7 20.8 20.7 20.2 19.8 19.2	22.8 22.2 20.7 19.5 20.2 20.0 20.8 22.3 23.3 23.5 24.2 24.4 24.5 24.7 25.1 24.4 21.8 20.7 20.3 20.5 21.5 22.0 22.7	AUGUST 19.5 18.6 17.6 17.6 15.8 15.0 15.2 14.9 15.8 16.8 17.4 17.6 18.1 18.2 18.7 17.4 15.4 15.8 15.4 15.8	20.9 20.1 19.0 17.4 17.1 17.3 17.6 18.7 19.6 20.1 20.5 21.5 21.3 21.6 21.5 21.3 21.6 17.8 18.9 17.6 17.8	19.7 19.0 19.0 19.7 17.9 17.3 17.6 18.1 19.0 19.0 17.7 19.5 18.7 17.6 16.6 14.2 13.3 12.4	SEPTEMB: 15.8 14.9 14.9 15.2 14.6 13.0 12.9 13.3 13.6 14.4 15.8 14.7 16.0 15.3 14.2 12.4 11.5 10.7	17.4 16.6 16.7 17.1 16.4 14.8 14.9 15.2 16.0 16.4 15.2 16.4 15.2 11.5
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24	22.3 24.7 23.7 25.4 23.9 22.8 22.8 23.5 24.4 24.9 24.7 24.5 24.0 22.0 23.0 23.7 22.7 21.8 22.5 23.9 24.7 25.1	JULY 17.3 18.2 18.2 18.2 18.9 17.1 17.4 17.7 18.9 17.4 18.1 19.0 19.5 19.4 18.6 17.1 16.8 17.3 17.7 18.8	19.4 20.9 20.8 21.8 21.1 19.7 19.9 20.1 20.8 21.2 21.0 21.2 21.4 20.7 20.8 20.7 20.8 21.2 21.2 21.2 21.4 20.7	22.8 22.2 20.7 19.5 20.2 20.0 20.8 22.3 23.3 23.5 24.2 24.4 24.5 24.7 25.1 24.4 21.8 20.7 20.3 20.5	19.5 18.6 17.6 17.6 15.8 15.0 15.2 14.9 15.8 16.8 17.4 17.6 18.2 18.7 18.6 18.1 18.2 18.7 17.4 15.4 15.8	20.9 20.1 19.0 17.4 17.1 17.3 17.6 18.7 19.6 20.1 20.5 21.5 21.3 21.6 21.2 20.3 18.9 17.6 17.8 18.2 18.4 18.4 18.6 19.2	19.7 19.0 19.0 19.7 17.9 17.3 17.6 18.1 19.0 19.0 17.7 17.5 18.7 17.6 16.6	15.8 14.9 14.9 15.2 14.6 13.0 12.9 13.3 13.6 14.4 15.8 14.7 16.0 15.3 14.2 12.4 11.5 10.7	17.4 16.6 16.7 17.1 16.4 14.8 14.9 15.2 16.0 16.4 16.7 16.8 17.2 16.2 16.2
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25	22.3 24.7 23.7 25.4 23.9 22.8 23.2 23.5 24.4 24.9 24.7 24.5 24.0 22.0 23.0 23.7 22.7 22.7 21.8 22.5 23.9 24.7	JULY 17.3 18.2 18.2 18.2 18.9 17.1 17.4 17.7 18.9 18.9 17.4 18.1 19.0 19.4 18.6 18.2 17.6 17.1 16.8 17.3 17.7 18.4 18.7	19.4 20.9 20.8 21.8 21.1 19.7 19.9 20.1 20.2 21.2 21.2 21.4 20.7 20.8 20.7 20.2 19.8 19.2 20.9 21.5	22.8 22.2 20.7 19.5 20.2 20.0 20.8 22.3 23.3 23.5 24.2 24.4 24.5 24.7 25.1 24.4 21.8 20.7 20.3 20.5 21.5 22.0 22.7 23.3 22.7	AUGUST 19.5 18.6 17.6 17.6 15.8 15.0 15.2 14.9 15.8 17.4 17.6 18.1 18.2 18.7 17.4 15.4 15.8 15.4 14.9 15.8	20.9 20.1 19.0 17.4 17.1 17.3 17.6 18.7 19.6 20.1 20.5 21.0 21.5 21.3 21.6 21.5 21.3 21.6 17.8 18.9 17.6 17.8	19.7 19.0 19.0 19.0 19.7 17.9 17.3 17.6 18.1 19.0 19.0 17.7 19.5 18.7 17.6 16.6 14.2 13.3 12.4	SEPTEMB: 15.8 14.9 14.9 15.2 14.6 13.0 12.9 13.3 13.6 14.4 15.8 14.7 16.0 15.3 14.2 12.4 11.5 10.7	17.4 16.6 16.7 17.1 16.4 14.8 14.9 15.2 16.0 16.4 15.2 16.4 15.2 11.5
1 2 3 4 5 6 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26	22.3 24.7 23.7 25.4 23.9 22.8 22.8 23.2 23.5 24.4 24.9 24.7 24.5 24.0 22.0 23.0 23.7 22.7 21.8 22.5 23.9 24.7 25.1 24.9	JULY 17.3 18.2 18.2 18.2 18.9 17.1 17.4 17.7 18.9 17.4 18.1 19.0 19.5 19.4 18.6 17.1 16.8 17.3 17.7 18.4 18.7	19.4 20.9 20.8 21.8 21.1 19.7 19.9 20.1 20.8 21.2 21.0 21.2 21.4 20.7 20.8 20.7 20.2 19.8 19.2 19.3 20.2 21.5 21.5	22.8 22.2 20.7 19.5 20.2 20.0 20.8 22.3 23.3 23.5 24.2 24.4 24.5 24.7 25.1 24.4 21.8 20.7 20.3 20.5 21.5 22.0 22.7 23.3 22.7	19.5 18.6 17.6 17.6 15.2 14.9 15.8 16.8 17.4 17.6 18.2 18.7 17.4 15.4 15.4 15.8 15.8 15.4 14.9 15.8	20.9 20.1 19.0 17.4 17.1 17.3 17.6 18.7 19.6 20.1 20.5 21.5 21.3 21.6 21.2 20.3 17.6 17.8 18.9 17.6 17.8 18.9 17.6 17.8 18.9 17.6 17.8 18.9 17.6 17.8 18.9 17.6 17.8 18.9 17.9	19.7 19.0 19.0 19.7 17.9 17.3 17.6 18.1 19.0 19.0 17.7 17.6 16.6 14.2 13.3 12.4	15.8 14.9 14.9 15.2 14.6 13.0 12.9 13.3 13.6 14.4 15.8 14.7 16.0 15.3 14.2 12.4 11.5 10.7	17.4 16.6 16.7 17.1 16.4 14.8 14.9 15.2 16.0 16.4 16.7 16.8 17.2 16.4 15.2
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 25 26 27 27 28 29 20 20 20 20 20 20 20 20 20 20 20 20 20	22.3 24.7 23.7 25.4 23.9 22.8 23.2 23.5 24.4 24.9 24.7 24.5 24.0 22.0 23.0 23.7 22.7 21.8 22.5 23.9 24.7 24.7 25.1 24.9	JULY 17.3 18.2 18.2 19.2 18.9 17.1 17.4 17.7 18.9 18.9 17.4 18.1 19.0 19.5 19.4 18.6 18.2 17.6 17.1 16.8 17.3 17.7 18.4 18.7 18.4 18.7	19.4 20.9 20.8 21.8 21.1 19.7 19.9 20.1 20.8 21.2 21.2 21.2 21.2 21.2 21.4 20.7 20.8 20.7 20.2 19.8 19.2 19.3 20.2 20.9 21.5 21.5	22.8 22.2 20.7 19.5 20.2 20.0 20.8 22.3 23.3 23.5 24.2 24.4 24.5 24.7 25.1 24.4 21.8 20.7 20.3 20.5 21.5 22.0 22.7 23.3 22.7	AUGUST 19.5 18.6 17.6 15.8 15.0 15.2 14.9 15.8 16.8 17.4 17.6 18.2 18.7 17.4 15.4 15.8 15.4 14.9 15.4 15.8 16.1 18.1	20.9 20.1 19.0 17.4 17.1 17.3 17.6 18.7 19.6 20.1 20.5 21.0 21.5 21.3 21.6 21.2 20.3 18.9 17.8 18.4 18.6 19.2 19.3	19.7 19.0 19.0 19.0 19.7 17.9 17.3 17.6 18.1 19.0 19.0 17.7 19.5 18.7 17.6 16.6 14.2 13.3 12.4	SEPTEMB: 15.8 14.9 14.9 15.2 14.6 13.0 12.9 13.3 13.6 14.4 15.8 14.7 16.0 15.3 14.2 12.4 11.5 10.7	17.4 16.6 16.7 17.1 16.4 14.8 14.9 15.2 16.0 16.4 15.2 16.4 15.2 11.5
1 2 3 4 5 6 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 29 20 20 20 20 20 20 20 20 20 20 20 20 20	22.3 24.7 23.7 25.4 23.9 22.8 22.8 23.2 23.5 24.4 24.9 24.7 24.5 24.0 22.0 23.0 23.7 22.7 21.8 22.5 23.9 24.7 25.1 24.9 25.2 25.4 23.2 23.2	JULY 17.3 18.2 18.2 19.2 18.9 17.1 17.4 17.7 18.9 18.9 17.4 18.1 19.0 19.5 19.4 18.6 18.2 17.6 17.1 16.8 17.3 17.7 18.4 18.7 18.4 18.7	19.4 20.9 20.8 21.1 19.7 19.9 20.1 20.8 21.2 21.0 21.2 21.2 21.4 20.7 20.8 20.7 20.8 20.7 20.2 19.8 19.2 19.3 20.2 21.5 21.5 21.5	22.8 22.2 20.7 19.5 20.2 20.0 20.8 22.3 23.3 23.5 24.2 24.4 24.5 24.7 25.1 24.4 21.8 20.7 20.3 20.5 21.5 22.0 22.7 23.3 22.7 21.0 21.7	19.5 18.6 17.6 17.6 15.2 14.9 15.8 16.8 17.4 17.6 18.2 18.7 17.4 15.4 15.4 15.8 15.8 15.4 15.8 15.4 14.9 15.8	20.9 20.1 19.0 17.4 17.1 17.3 17.6 18.7 19.6 20.1 20.5 21.0 21.5 21.3 21.6 21.2 20.3 18.9 17.8 18.4 18.6 19.2 19.3	19.7 19.0 19.0 19.7 17.9 17.3 17.6 18.1 19.0 19.0 17.7 17.6 16.6 14.2 13.3 12.4	15.8 14.9 14.9 15.2 14.6 13.0 12.9 13.3 13.6 14.4 15.8 14.7 16.0 15.3 14.2 12.4 11.5 10.7	17.4 16.6 16.7 17.1 16.4 14.8 14.9 15.2 16.0 16.4 16.7 16.8 17.2 16.2 11.5
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 29 20 20 20 20 20 20 20 20 20 20 20 20 20	22.3 24.7 23.7 25.4 23.9 22.8 23.2 23.5 24.4 24.9 24.7 24.5 24.0 22.0 23.0 23.7 22.7 21.8 22.5 23.9 24.7 24.7 25.1 24.9 25.2 23.2 23.2	JULY 17.3 18.2 18.2 19.2 18.9 17.1 17.4 17.7 18.9 18.9 17.4 18.1 19.0 19.5 19.4 18.6 18.2 17.6 17.7 18.4 18.7 18.4 18.7 18.4 18.7 18.9 19.5 20.0	19.4 20.9 20.8 21.8 21.1 19.7 19.9 20.1 20.8 21.2 21.2 21.2 21.2 21.4 20.7 20.8 20.7 20.2 19.8 19.2 19.3 20.2 20.9 21.5 21.5 21.5	22.8 22.2 20.7 19.5 20.2 20.0 20.8 22.3 23.3 23.5 24.2 24.4 24.5 24.7 25.1 24.4 21.8 20.7 20.3 20.5 21.5 22.0 22.7 23.3 22.7 21.0 21.7 21.0 21.7 21.2	AUGUST 19.5 18.6 17.6 15.8 15.0 15.2 14.9 15.8 16.8 17.4 17.6 18.2 18.7 17.4 15.4 15.8 15.4 15.4 15.8 16.1 18.1 17.1 16.8 17.1	20.9 20.1 19.0 17.4 17.1 17.3 17.6 18.7 19.6 20.1 20.5 21.0 21.5 21.3 21.6 21.2 20.3 18.9 17.8 18.2 18.4 18.6 19.2 19.3 19.3 19.6 18.9 18.9 18.9 18.9 18.9	19.7 19.0 19.0 19.0 17.7 17.9 17.3 17.6 18.1 19.0 19.0 17.7 19.5 18.7 17.6 16.6 14.2 13.3 12.4	15.8 14.9 14.9 15.2 14.6 13.0 12.9 13.3 13.6 14.4 15.8 14.7 16.0 15.3 14.2 12.4 11.5 10.7	17.4 16.6 16.7 17.1 16.4 14.8 14.9 15.2 16.0 16.4 16.7 16.8 17.2 16.4 15.2 11.5
1 2 3 4 5 6 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 29 20 20 20 20 20 20 20 20 20 20 20 20 20	22.3 24.7 23.7 25.4 23.9 22.8 22.8 23.2 23.5 24.4 24.9 24.7 24.5 24.0 22.0 23.0 23.7 22.7 21.8 22.5 23.9 24.7 25.1 24.9 25.2 25.4 23.2 23.2	JULY 17.3 18.2 18.2 19.2 18.9 17.1 17.4 17.7 18.9 19.5 19.4 18.1 19.0 19.5 19.4 18.6 17.1 16.8 17.3 17.7 18.4 18.7	19.4 20.9 20.8 21.1 19.7 19.9 20.1 20.8 21.2 21.0 21.2 21.2 21.4 20.7 20.8 20.7 20.8 20.7 20.2 19.8 19.2 19.3 20.2 21.5 21.5 21.5	22.8 22.2 20.7 19.5 20.2 20.0 20.8 22.3 23.3 23.5 24.2 24.4 24.5 24.7 25.1 24.4 21.8 20.7 20.3 20.5 21.5 22.0 22.7 23.3 22.7 21.0 21.7	19.5 18.6 17.6 17.6 15.2 14.9 15.8 16.8 17.4 17.6 18.2 18.7 17.4 15.4 15.4 15.8 15.8 15.4 15.8 15.4 14.9 15.8	20.9 20.1 19.0 17.4 17.1 17.3 17.6 18.7 19.6 20.1 20.5 21.0 21.5 21.3 21.6 21.2 20.3 18.9 17.8 18.2 18.4 18.6 19.2 19.3 19.3 19.6 18.9 18.9 18.9 18.9 18.9	19.7 19.0 19.0 19.7 17.9 17.3 17.6 18.1 19.0 19.0 17.7 19.5 18.7 17.6 16.6 14.2 13.3 12.4	15.8 14.9 14.9 15.2 14.6 13.0 12.9 13.3 13.6 14.4 15.8 14.7 16.0 15.3 14.2 12.4 11.5 10.7	17.4 16.6 16.7 17.1 16.4 14.8 14.9 15.2 16.0 16.4 16.7 16.8 17.2 16.4 15.2 11.5

13068500 BLACKFOOT RIVER NEAR BLACKFOOT, ID--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1966, 1968-1970, 1972-1981, July 1989 to current year.

PERIOD OF DAILY RECORD .--

WATER TEMPERATURE: May 24 to September 18, 1996; May 1 to September 30, 1999 (discontinued).

INSTRUMENTATION.--Temperature recording data logger.

EXTREMES FOR PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: Maximum, 25.4 °C July 27, 1996.

EXTREMES FOR CURRENT YEAR .--

WATER TEMPERATURE: Maximum, 25.1 °C July 23.

WATER-QUALITY DATA, APRIL 1999 TO OCTOBER 1999

DATE	TIME	DIS- CHARGE, INST. CUBIC FEET PER SECOND (00061)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	TEMPER- ATURE AIR (DEG C) (00020)	TEMPER- ATURE WATER (DEG C) (00010)	TUR- BID- ITY (NTU) (00076)	OXYGEN, DIS- SOLVED (MG/L) (00300)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)	COLI- FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)	STREP- TOCOCCI FECAL, KF AGAR (COLS. PER 100 ML) (31673)
APR 21	1205	189	476	8.8	9.0	8.4	25	10.9	110	190	130
MAY 25 JUN	1025	179	346	8.6	17.0	17.0	20	9.1	111	190	160
25 AUG	1103	130	340	8.7	16.0	17.8	20	7.5	102	230	200
05 SEP	1210	173	325	8.5	27.7	20.5		9.4	123	380	280
29 OCT	1350	195	350	8.7	17.5	10.9	1.6	10.4	110	K13	70
13	1205	161	355	8.7	13.6	10.6	1.5	9.8	104	K18	K26
DATE		HARD- NESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	SC PE	DLVED DDIUM RCENT 0932)	POTAS- SIUM, DIS- FIELD (MG/L AS K) (00935)	ANC WATER UNFLTRD FET FIELD MG/L AS HCO3 (00440)	ANC UNFLTRE CARB FET MG/L AS CO3 (00445)	3
SEP 29		160	41	13	11	1	.3	2.2	160	9	
DATE		ANC WATER UNFLTRD FET FIELD MG/L AS CACO3 (00410)	CHLO- SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	FLUO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	SILICA, RIDE, DIS- SOLVED (MG/L AS F) (00950)	I SC (1	IM OF DIS- DLVED MG/L AS IO2)	SOLIDS, SOLIDS, CONSTI- TUENTS, DIS- SOLVED (MG/L) (70301)	SOLIDS, DIS- SOLVED (TONS PER AC-FT) (70303)	DIS- SOLVED (TONS PER DAY) (70302)	
SEP											
29	•	144	27	8.9	.52	1	.2	203	.28	107	
DATE		NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N) (00613)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N) (00631)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N) (00608)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	P: PE Ti (1	HOS- HORUS OTAL MG/L S P) 0665)	PHOS- PHORUS ORTHO, DIS- SOLVED (MG/L AS P) (00671)	SEDI- MENT, SEDI- MENT, SUS- PENDED (MG/L) (80154)	DIS- CHARGE, SUS- PENDED (T/DAY) (80155)	
APR 21		<.010	.115	.026	.47		.100	.014	132	67	
MAY 25		<.010	.051	.030	.58		.119	.014	77	37	
JUN 25		<.010	<.050	<.020	.43		.081	.012	50	18	
AUG 05		<.010	.068	<.020	.53		.066	<.010	60	28	
SEP 29 OCT		<.010	<.050	<.020	.28		E.034	<.010	14	7.4	
13		<.010	<.050	<.020	.28		E.032	<.010	10	4.3	3

E Positive detection, but below stated detection limit.

K Results based on counts outside ideal colony range.

13068500 BLACKFOOT RIVER NEAR BLACKFOOT, ID--Continued

WATER TEMPERATURE, DEGREES CELSIUS, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN
		APRIL			MAY	
1				10.6	9.6	10.0
2				9.8	8.9	9.4
3				8.9	7.2	8.3
4				8.1	6.7	7.2
5				9.0	6.4	7.7
6				10.9	7.6	9.1
7				13.0	9.6	11.2
8				13.0	10.1	11.4
9				10.9	8.1	9.6
10				9.6	7.2	8.1
11				9.9	7.0	8.4
12				11.0	8.7	9.8
13				11.5	9.0	10.4
14				11.2	8.6	9.6
15				9.6	7.5	8.9
16				9.2	6.5	7.7
17				11.3	7.5	9.3
18				12.9	9.8	11.4
19				15.7	11.6	13.5
20				17.9	12.6	15.0
21				18.7	13.5	15.9
22				19.2	14.3	16.3
23				19.1	14.6	16.6
24				19.9	15.7	17.4
25				21.3	16.2	18.3
26				19.7	16.3	17.7
27				20.0	14.8	17.2
28				21.0	15.7	17.8
29				18.4	14.8	16.8
30				14.8	12.4	13.9
31				13.2	11.5	12.3
				2	5	,
MONTH				21.3	6.4	12.1
				22.3	0.1	

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST		S	EPTEMBE	₹
1 2 3 4 5	15.1 14.3 14.8 16.0 15.1	12.0 13.0 12.6 12.9 12.7	13.3 13.9 13.6 14.2 13.6	20.7 20.8 21.7 20.8 21.5	15.2 15.4 15.4 16.5 15.4	17.9 18.4 18.4	22.0 22.3 22.2 23.0 21.5	18.3 19.4 19.9 18.9	19.9	17.9 17.3 16.2 17.8 18.4	14.0 14.8 14.4 13.8 14.1	15.7 15.8 15.1 15.5 16.0
6 7 8 9 10	13.2 13.8 15.1 14.8 15.9	12.4 12.0 12.4 12.1 12.6	12.9 12.9 13.4 13.3 14.1	23.3 23.3 22.7 23.3 23.0	16.2 18.7 16.0 15.9 16.5		22.5 22.0 22.7 22.8 20.8	19.1 18.1 17.6 18.3 18.3	19.9 20.0 20.3	18.3 17.8 18.1 18.1 17.3	14.4 13.5 12.9 13.2 14.0	16.0 15.3 15.2 15.5 15.4
11 12 13 14 15	16.6 18.1 19.2 20.2 21.5	13.0 14.3 15.4 16.0 17.1	14.7 16.0 17.0 17.9 19.1	23.5 22.7 24.7 21.0 21.8	17.4 18.4 18.6 18.9 17.0		19.1 21.2 21.7 21.5 20.5	17.4 16.6 17.1 17.3 16.8	18.5 19.1	17.9 17.3 17.1 17.6 17.9	13.4 13.0 12.7 13.0 13.4	15.4 14.9 14.6 15.0 15.4
16 17 18 19 20	21.7 20.8 21.2 20.8 21.5	17.6 16.8 16.8 17.4 17.1	19.2 18.6 18.8 18.9	22.0 20.5 21.5 22.0 22.3	16.3 16.6 16.5 17.6 18.4	18.9 18.4 18.6 19.6 20.1	21.0 22.7 23.9 23.3 22.3	16.2 16.3 16.8 18.3 17.9		18.3 18.7 18.4 18.3 17.9	13.7 14.0 14.3 14.4 14.3	15.6 16.0 16.2 16.0 15.8
21 22 23 24 25	20.5 20.2 20.7 22.7 20.5	17.8 17.0 16.2 16.2 16.2	19.0 18.4 18.1 19.1 18.3	24.6 24.9 25.1 23.2 22.5	17.8 17.6 17.9 18.6 17.4	20.7	24.4 24.0 23.0 22.5 22.5	18.3 18.1 18.3 18.3 17.6	20.5	17.4 17.6 17.4 16.2 14.3	13.8 13.8 14.0 13.5 11.8	15.3 15.5 15.4 14.7 13.0
26 27 28 29 30 31	19.1 18.4 18.1 17.9 19.5	15.1 14.4 14.4 14.6 15.9	16.9 16.0 16.1 16.3 17.4	23.5 23.5 22.3 23.9 23.2 23.3	17.1 18.3 18.7 19.4 19.7 18.6	20.9 20.5 21.3	23.2 20.5 22.5 22.2 19.2 18.3	17.4 18.3 17.9 17.1 17.1	19.3 19.8 19.5 18.4	12.7 12.4 12.3 12.0 12.6	10.7 10.1 9.0 8.4 8.9	11.6 10.9 10.3 9.9 10.4
MONTH	22.7	12.0	16.3	25.1	15.2	19.8	24.4	14.0	19.6	18.7	8.4	14.6

BLACKFOOT RIVER BASIN

13068500 BLACKFOOT RIVER NEAR BLACKFOOT, ID--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1966, 1968-1970, 1972-1981, July 1989 to current year.

PERIOD OF DAILY RECORD .--

WATER TEMPERATURE: May to September 1996, May to September 1999 (discontinued).

INSTRUMENTATION.--Temperature recording data logger.

EXTREMES FOR PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: Maximum, 25.4 °C July 27, 1996.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	TIME	DIS- CHARGE, INST. CUBIC FEET PER SECOND (00061)	CIFIC CON- DUCT- (ANCE (US/CM)	PH WATER WHOLE FIELD STAND- ARD UNITS) 00400)	TEMPER- ATURE AIR (DEG C) (00020)	TEMPER- ATURE WATER (DEG C) (00010)	TUR- BID- ITY (NTU) (00076)	OXYGEN, DIS- SOLVED (MG/L) (00300)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)	COLI- FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)	STREP- TOCOCCI FECAL, KF AGAR (COLS. PER 100 ML) (31673)
APR 12	1321	213	489	8.5	19.0	12.3	30	9.7	106	K45	110
MAY 24	1441	45	358	8.6	26.2	20.1	2.0	9.4	122	K29	K44
JUN 15	1605	152	350	8.7	25.0	17.6	3.9	9.3	117	100	230
JUL 19	1100	166	348	8.6	22.5	20.3	6.5	9.1	117	330	340
AUG											
25 SEP	1348	119	355	8.6	28.8	21.9	<.5	10.2	136	K120	670
18	1712	102	347	8.5	26.0	19.3	<.5	9.5	121	490	520
DATE		HARD- NESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	P	SODIUM ERCENT 00932)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	ANC WATER UNFLTRD FET FIELD MG/L AS HCO3 (00440)	ANC UNFLTRE CARB FET FIELD MG/L AS CO3 (00445)	3
SEP 18.		150	38.2	13.6	11.3		14	2.3	160	7	
10.	• •	150	30.2	13.0	11.3		14	2.3	100	,	
DATE		ANC WATER UNFLTRD FET FIELD MG/L AS CACO3 (00410)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	FLUO- RIDE, DIS- SOLVED (MG/L AS F) (00950)	٤	ILICA, DIS- SOLVED (MG/L AS SIO2) 00955)	SOLIDS, SUM OF CONSTI- TUENTS, DIS- SOLVED (MG/L) (70301)	SOLIDS, DIS- SOLVED (TONS PER AC-FT) (70303)	SOLIDS, DIS- SOLVED (TONS PER DAY) (70302)	
SEP											
18.		139	31.1	10.0	.6		9.3	200	.27	55.1	
	DATE	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N) (00631)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N) (00608)	NITH GEN, MONI ORGA TOT (MG AS	AM- A + NIC PAL (/L N)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	PHOS- PHORUS ORTHO, DIS- SOLVED (MG/L AS P) (00671)	SEC MEN SU: PENI (MG,	TT, C S- DED 1	SEDI- MENT, DIS- HARGE, SUS- PENDED T/DAY) 80155)	
	APR 12	.070	.012		.75	.199	.007	7 200		115	
	MAY 24	<.005	<.002		.30	.031	.005	5 7		.85	
	JUN 15	.005	.011		.34	.045	<.001	38		16	
	JUL 19	.006	.026		. 44	.061	.001			26	
	AUG 25	<.005	.011		.35	.019	<.001			5.5	
	SEP 18	<.005	.008		.33	.031	<.001	. 11		3.0	

K Results based on counts outside ideal colony range.

13068500 BLACKFOOT RIVER NEAR BLACKFOOT, ID--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1966, 1968-1970, 1972-1981, July 1989 to current year.

PERIOD OF DAILY RECORD .--

WATER TEMPERATURE: May to September 1996, May to September 1999, April to September 2001 (discontinued).

INSTRUMENTATION.--Temperature recording data logger.

EXTREMES FOR PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: Maximum, 33.3 °C July 4, 2001.

EXTREMES FOR CURRENT YEAR .--

WATER TEMPERATURE: Maximum, 33.3 °C July 4.

REMARKS.--Data collected during zero flow conditions not included in record.

WATER-QUALITY DATA, MAY TO SEPTEMBER 2001

DATE	TIME	DIS- CHARGE INST. CUBIC FEET PER SECONI (00061	C C D D I	SPE- IFIC CON- UCT- ANCE S/CM)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	TEMPEF ATURI AIR (DEG (E AT WA C) (DE	PER- URE TER G C)	TURBID- ITY LAB HACH 2100AN (NTU) (99872)	OXYGEN, DIS- SOLVED (MG/L) (00300)	CE SAT ATI	S- VED ER- NT UR- ON)	COLI- FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)
MAY 03	1649	99	33	88	8.6	15.0	1	13.8	23	10.8	122	2	S14
16 JUN	1138	68	41	.0	8.4	16.1	1	13.5	15	9.9	112	2	390
18	1338	150	36	3	8.8	25.8	1	19.1	7.3	10.4	131	L	S33
23 AUG	1015	6.5	36	50	8.5	27.6	2	21.2	2.1	11.1	147	7	S90
06 SEP	0950	2.8	34	12	8.3	22.8	2	20.9	3.9	9.1	119)	S100
17	1205	16	34	18	8.5	14.5	1	16.3	2.5	8.3	99	9.3	S66
DATE	HARD- NESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	SODIUM PERCENT (00932)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	HCO3	ANC UNFLTRD CARB FET FIELD MG/L AS CO3 (00445)	ANC WATER UNFLTRD FET FIELD MG/L AS CACO3 (00410)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	FLUO- RIDE, DIS- SOLVED (MG/L AS F) (00950)	SILICA, DIS- SOLVED (MG/L AS SIO2) (00955)
SEP 17	153	34.2	16.3	12.9	15.2	3.02	140	5	134	35.6	12.4	.6	12.1
,	DATE	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N) (00608)	AS	,AM- IA + ANIC FAL G/L	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N) (00631)		PHOS- PHORUS ORTHO, DIS- SOLVED (MG/L AS P) (00671)	PHOS PHORI TOTA (MG/ AS F (0066	US L L))	SEDI- MENT, SUS- PENDED (MG/L) (80154)	SEC MEN DI: CHAR SU: PENI (T/E	IT, S- RGE, S- DED DAY)	
	MAY 03 16 JUN	.005		.35	.01	8	<.007 <.007		073 064	38 26		8.6	
	18 JUL	.033		. 44	.03		<.007		036	35	1	.2	
	23 AUG	.004		.30	.01	3	<.007	- '	024	4		.07	
	06 SEP	.002		.35	.00	5	<.007		013	6		.05	
	17	.005		.36	.00	8	<.007		020	3		.12	

< Less than

S Most probable value

13068500 BLACKFOOT RIVER NEAR BLACKFOOT, ID--Continued

WATER TEMPERATURE, DEGREES CELSIUS, MAY TO SEPTEMBER 2001

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUAR	Y		MARCH			APRIL			MAY	
1												
2												
4										16.3	7.5	11.7
5												
6												
7 8												
9												
10										18.3	10.0	13.9
11												
12												
13 14										20.0 20.4	14.2 14.4	17.2 17.2
15										16.7	13.9	15.0
16										17.4	13.0	14.8
17										17.9	11.6	14.6
18										18.5	13.1	15.5
19 20										18.7 15.6	12.8 11.9	15.3 13.7
21										17.5	10.0	13.5
22										20.0	11.1	15.1
23										22.6	13.1	17.6
24										28.0	14.2	20.9
25										23.6	17.9	21.0
26 27										25.3 24.5	17.1 16.1	20.6 19.5
28										23.6	15.3	19.1
29										19.0	14.5	16.8
30										19.6	11.7	15.8
31										22.3	13.4	18.0
MONTH												
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
DAY	MAX	MIN JUNE	MEAN	MAX	MIN	MEAN	MAX	MIN AUGUST	MEAN		MIN SEPTEMB	
DAY 1	MAX 25.0		MEAN	MAX 26.0		MEAN	MAX 28.2		MEAN			
1 2	25.0	JUNE 15.6	19.8	26.0 26.7	JULY 19.5 19.6	22.8 23.0	28.2 28.7	AUGUST 14.8 17.1	21.2 22.8		SEPTEMB	ER
1 2 3	25.0 17.2	JUNE 15.6 12.8	19.8 14.8	26.0 26.7 28.6	JULY 19.5 19.6 19.6	22.8 23.0 23.8	28.2 28.7 25.2	AUGUST 14.8 17.1 18.3	21.2 22.8 21.5		SEPTEMB	ER
1 2	25.0	JUNE 15.6	19.8	26.0 26.7	JULY 19.5 19.6	22.8 23.0	28.2 28.7	AUGUST 14.8 17.1	21.2 22.8		SEPTEMB	ER
1 2 3 4	25.0 17.2 13.1	JUNE 15.6 12.8 10.8	19.8 14.8 11.8	26.0 26.7 28.6 33.3	JULY 19.5 19.6 19.6 20.4	22.8 23.0 23.8 26.3	28.2 28.7 25.2 28.6	AUGUST 14.8 17.1 18.3 19.1	21.2 22.8 21.5 23.7		SEPTEMB	ER
1 2 3 4 5	25.0 17.2 13.1 13.7 16.7 19.6	JUNE 15.6 12.8 10.8 9.7 10.6 12.8	19.8 14.8 11.8 11.7	26.0 26.7 28.6 33.3 29.3	JULY 19.5 19.6 19.6 20.4 22.8 22.1 21.3	22.8 23.0 23.8 26.3 25.5	28.2 28.7 25.2 28.6 29.8 30.4 30.6	AUGUST 14.8 17.1 18.3 19.1 17.4 18.3 21.6	21.2 22.8 21.5 23.7 23.5 24.3 25.1	=======================================	SEPTEMB	ER
1 2 3 4 5 6 7 8	25.0 17.2 13.1 13.7 16.7 19.6 21.3	JUNE 15.6 12.8 10.8 9.7 10.6 12.8 14.8	19.8 14.8 11.8 11.7 13.5 15.9 17.7	26.0 26.7 28.6 33.3 29.3 29.7 23.6 28.2	JULY 19.5 19.6 19.6 20.4 22.8 22.1 21.3 19.5	22.8 23.0 23.8 26.3 25.5 24.7 22.5 23.1	28.2 28.7 25.2 28.6 29.8 30.4 30.6 29.8	AUGUST 14.8 17.1 18.3 19.1 17.4 18.3 21.6 20.3	21.2 22.8 21.5 23.7 23.5 24.3 25.1 24.5		SEPTEMB	ER
1 2 3 4 5	25.0 17.2 13.1 13.7 16.7 19.6 21.3 22.3	JUNE 15.6 12.8 10.8 9.7 10.6 12.8 14.8 16.1	19.8 14.8 11.8 11.7 13.5 15.9 17.7 18.8	26.0 26.7 28.6 33.3 29.3 29.7 23.6 28.2 26.9	JULY 19.5 19.6 19.6 20.4 22.8 22.1 21.3 19.5 20.1	22.8 23.0 23.8 26.3 25.5 24.7 22.5 23.1 22.8	28.2 28.7 25.2 28.6 29.8 30.4 30.6 29.8 25.2	AUGUST 14.8 17.1 18.3 19.1 17.4 18.3 21.6 20.3 19.6	21.2 22.8 21.5 23.7 23.5 24.3 25.1 24.5 22.2	=======================================	SEPTEMB	ER
1 2 3 4 5 6 7 8 9	25.0 17.2 13.1 13.7 16.7 19.6 21.3 22.3 23.3	JUNE 15.6 12.8 10.8 9.7 10.6 12.8 14.8 16.1	19.8 14.8 11.8 11.7 13.5 15.9 17.7 18.8 19.0	26.0 26.7 28.6 33.3 29.3 29.7 23.6 28.2 26.9 27.1	JULY 19.5 19.6 19.6 20.4 22.8 22.1 21.3 19.5 20.1	22.8 23.0 23.8 26.3 25.5 24.7 22.5 23.1 22.8 23.2	28.2 28.7 25.2 28.6 29.8 30.4 30.6 29.8 25.2 27.1	AUGUST 14.8 17.1 18.3 19.1 17.4 18.3 21.6 20.3 19.6 17.1	21.2 22.8 21.5 23.7 23.5 24.3 25.1 24.5 22.2 21.5		SEPTEMB	ER
1 2 3 4 5 6 7 8 9	25.0 17.2 13.1 13.7 16.7 19.6 21.3 22.3 23.3	JUNE 15.6 12.8 10.8 9.7 10.6 12.8 14.8 16.1	19.8 14.8 11.8 11.7 13.5 15.9 17.7 18.8	26.0 26.7 28.6 33.3 29.3 29.7 23.6 28.2 26.9 27.1	JULY 19.5 19.6 19.6 20.4 22.8 22.1 21.3 19.5 20.1	22.8 23.0 23.8 26.3 25.5 24.7 22.5 23.1 22.8	28.2 28.7 25.2 28.6 29.8 30.4 30.6 29.8 25.2	AUGUST 14.8 17.1 18.3 19.1 17.4 18.3 21.6 20.3 19.6	21.2 22.8 21.5 23.7 23.5 24.3 25.1 24.5 22.2	==== ==== ==== ==== ====	SEPTEMB	ER
1 2 3 4 5 6 7 8 9 10	25.0 17.2 13.1 13.7 16.7 19.6 21.3 22.3 23.3 21.6 18.5 12.5	JUNE 15.6 12.8 10.8 9.7 10.6 12.8 14.8 16.1 14.4 16.1 12.5 11.3	19.8 14.8 11.8 11.7 13.5 15.9 17.7 18.8 19.0 18.7 15.4 11.8	26.0 26.7 28.6 33.3 29.3 29.7 23.6 28.2 26.9 27.1 26.9 26.4 25.3	JULY 19.5 19.6 19.6 20.4 22.8 22.1 21.3 19.5 20.1 20.1 20.1 19.3 19.5	22.8 23.0 23.8 26.3 25.5 24.7 22.5 23.1 22.8 23.2 23.0 22.5 22.1	28.2 28.7 25.2 28.6 29.8 30.4 30.6 29.8 25.2 27.1	AUGUST 14.8 17.1 18.3 19.1 17.4 18.3 21.6 20.3 19.6 17.1 18.5 17.1	21.2 22.8 21.5 23.7 23.5 24.3 25.1 24.5 22.2 21.5	 19.3	SEPTEMB	ER
1 2 3 4 5 6 7 8 9 10	25.0 17.2 13.1 13.7 16.7 19.6 21.3 22.3 23.3	JUNE 15.6 12.8 10.8 9.7 10.6 12.8 14.8 16.1 14.4	19.8 14.8 11.8 11.7 13.5 15.9 17.7 18.8 19.0	26.0 26.7 28.6 33.3 29.7 23.6 28.2 26.9 27.1	JULY 19.5 19.6 19.6 20.4 22.8 22.1 21.3 19.5 20.1 20.1	22.8 23.0 23.8 26.3 25.5 24.7 22.5 23.1 22.8 23.2	28.2 28.7 25.2 28.6 29.8 30.4 30.6 29.8 25.2 27.1	AUGUST 14.8 17.1 18.3 19.1 17.4 18.3 21.6 20.3 19.6 17.1 18.5 17.1	21.2 22.8 21.5 23.7 23.5 24.3 25.1 24.5 22.2 21.5	 19.3	SEPTEMB 15.3	ER
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	25.0 17.2 13.1 13.7 16.7 19.6 21.3 22.3 23.3 21.6 18.5 12.5 15.9 16.7	JUNE 15.6 12.8 10.8 9.7 10.6 12.8 14.8 16.1 14.4 16.1 12.5 11.3 10.0 12.0	19.8 14.8 11.8 11.7 13.5 15.9 17.7 18.8 19.0 18.7 15.4 11.8 12.7 14.1	26.0 26.7 28.6 33.3 29.3 29.7 23.6 28.2 26.9 27.1 26.9 26.4 25.3 24.7 24.5	JULY 19.5 19.6 19.6 20.4 22.8 22.1 21.3 19.5 20.1 20.1 19.3 19.5 18.8	22.8 23.0 23.8 26.3 25.5 24.7 22.5 23.1 22.8 23.2 23.0 22.5 22.1 22.0 21.2	28.2 28.7 25.2 28.6 29.8 30.4 30.6 29.8 25.2 27.1	14.8 17.1 18.3 19.1 17.4 18.3 21.6 20.3 19.6 17.1 18.5 17.1	21.2 22.8 21.5 23.7 23.5 24.3 25.1 24.5 22.2 21.5 21.1 22.2	 19.3	SEPTEMB	ER
1 2 3 4 5 6 7 8 9 10	25.0 17.2 13.1 13.7 16.7 19.6 21.3 22.3 23.3 21.6 18.5 12.5 15.9	JUNE 15.6 12.8 10.8 9.7 10.6 12.8 14.8 16.1 14.4 16.1 12.5 11.3 10.0	19.8 14.8 11.8 11.7 13.5 15.9 17.7 18.8 19.0 18.7 15.4 11.8	26.0 26.7 28.6 33.3 29.3 29.7 23.6 28.2 26.9 27.1 26.9 26.4 25.3 24.7	JULY 19.5 19.6 19.6 20.4 22.8 22.1 21.3 19.5 20.1 20.1 19.3 19.5 19.5	22.8 23.0 23.8 26.3 25.5 24.7 22.5 23.1 22.8 23.2 23.0 22.5 22.1 22.0	28.2 28.7 25.2 28.6 29.8 30.4 30.6 29.8 25.2 27.1 25.3 29.1	AUGUST 14.8 17.1 18.3 19.1 17.4 18.3 21.6 20.3 19.6 17.1 18.5 17.1	21.2 22.8 21.5 23.7 23.5 24.3 25.1 24.5 22.2 21.5	 19.3	SEPTEMB 15.3	ER
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	25.0 17.2 13.1 13.7 16.7 19.6 21.3 22.3 23.3 21.6 18.5 12.5 15.9 16.7	JUNE 15.6 12.8 10.8 9.7 10.6 12.8 14.8 16.1 14.4 16.1 12.5 11.3 10.0 12.0 13.1 15.6 15.0	19.8 14.8 11.8 11.7 13.5 15.9 17.7 18.8 19.0 18.7 15.4 11.8 12.7 14.1	26.0 26.7 28.6 33.3 29.7 23.6 28.2 26.9 27.1 26.9 26.4 25.3 24.7 24.5	JULY 19.5 19.6 19.6 20.4 22.8 22.1 21.3 19.5 20.1 20.1 19.3 19.5 19.5 18.8 17.7 18.3 18.3	22.8 23.0 23.8 26.3 25.5 24.7 22.5 23.1 22.8 23.2 23.0 22.5 22.1 22.0 21.2	28.2 28.7 25.2 28.6 29.8 30.4 30.6 29.8 25.2 27.1	14.8 17.1 18.3 19.1 17.4 18.3 21.6 20.3 19.6 17.1 18.5 17.1	21.2 22.8 21.5 23.7 23.5 24.5 22.2 21.5 21.1 22.2	 19.3	SEPTEMB 15.3 15.8	ER
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	25.0 17.2 13.1 13.7 16.7 19.6 21.3 22.3 23.3 21.6 18.5 12.5 15.9 16.7	JUNE 15.6 12.8 10.8 9.7 10.6 12.8 14.8 16.1 14.4 16.1 12.5 11.3 10.0 12.0 13.1 15.6 15.0 14.2	19.8 -14.8 11.8 11.7 13.5 15.9 17.7 18.8 19.0 18.7 15.4 11.8 12.7 14.1 15.5 17.1 17.1	26.0 26.7 28.6 33.3 29.3 29.7 23.6 28.2 26.9 27.1 26.9 25.3 24.7 24.5 24.8 21.8 22.9 24.1	JULY 19.5 19.6 19.6 20.4 22.8 22.1 21.3 19.5 20.1 20.1 21.3 19.5 18.8 17.7 18.3 18.3 18.3	22.8 23.0 23.8 26.3 25.5 24.7 22.5 23.1 22.8 23.2 23.0 22.5 22.1 22.0 21.2 20.9 20.2 20.2 20.8	28.2 28.7 25.2 28.6 29.8 30.4 30.6 29.8 25.2 27.1 25.3 29.1	AUGUST 14.8 17.1 18.3 19.1 17.4 18.3 21.6 20.3 19.6 17.1 18.5 17.1 15.9	21.2 22.8 21.5 23.7 23.5 24.3 25.1 24.5 22.2 21.5 21.1 22.2 20.3	19.3	SEPTEMB 15.3 15.8	ER
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	25.0 17.2 13.1 13.7 16.7 19.6 21.3 22.3 23.3 21.6 18.5 12.5 15.9 16.7 18.3 19.1 19.6 20.6 20.6 20.6 20.6	JUNE 15.6 12.8 10.8 9.7 10.6 12.8 14.4 16.1 14.4 16.1 12.5 11.3 10.0 12.0 13.1 15.6 15.0 14.2 14.8	19.8 14.8 11.8 11.7 13.5 15.9 17.7 18.8 19.0 18.7 15.4 11.8 12.7 14.1 15.5 17.1 17.1 17.1 18.3	26.0 26.7 28.6 33.3 29.7 23.6 28.2 26.9 27.1 26.9 26.4 25.3 24.7 24.5 24.8 21.8 22.9 24.1 25.3	JULY 19.5 19.6 19.6 20.4 22.8 22.1 21.3 19.5 20.1 20.1 20.1 21.3 19.5 19.5 18.8 17.7 18.3 18.3 18.0 17.9	22.8 23.0 23.8 26.3 25.5 24.7 22.5 23.1 22.8 23.2 23.0 22.5 22.1 22.0 21.2 20.9 20.2 20.8 21.4	28.2 28.7 25.2 28.6 29.8 30.4 30.6 29.8 25.2 27.1 25.3 29.1 26.4 23.8	AUGUST 14.8 17.1 18.3 19.1 17.4 18.3 21.6 20.3 19.6 17.1 18.5 17.1 15.9 16.6	21.2 22.8 21.5 23.7 23.5 24.3 25.1 24.5 22.2 21.5 21.1 22.2 20.3 20.4	19.3 19.3	SEPTEMB 15.3 15.8	ER
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1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	25.0 17.2 13.1 13.7 16.7 19.6 21.3 22.3 23.3 21.6 18.5 12.5 15.9 16.7 18.3 19.1 19.6 20.6 20.6 20.6 20.6	JUNE 15.6 12.8 10.8 9.7 10.6 12.8 14.8 16.1 14.4 16.1 12.5 11.3 10.0 12.0 13.1 15.6 15.0 14.2 14.8	19.8 14.8 11.8 11.7 13.5 15.9 17.7 18.8 19.0 18.7 15.4 11.8 12.7 14.1 15.5 17.1 17.1 17.1 18.3	26.0 26.7 28.6 33.3 29.7 23.6 28.2 26.9 27.1 26.9 26.4 25.3 24.7 24.5 24.8 21.8 22.9 24.1 25.3	JULY 19.5 19.6 19.6 20.4 22.8 22.1 21.3 19.5 20.1 20.1 20.1 21.3 19.5 19.5 18.8 17.7 18.3 18.3 18.0 17.9	22.8 23.0 23.8 26.3 25.5 24.7 22.5 23.1 22.8 23.2 23.0 22.5 22.1 22.0 21.2 20.9 20.2 20.8 21.4	28.2 28.7 25.2 28.6 29.8 30.4 30.6 29.8 25.2 27.1 25.3 29.1 26.4 23.8	AUGUST 14.8 17.1 18.3 19.1 17.4 18.3 21.6 20.3 19.6 17.1 18.5 17.1 15.9 16.6	21.2 22.8 21.5 23.7 23.5 24.3 25.1 24.5 22.2 21.5 21.1 22.2 20.3 20.4	19.3 19.3	SEPTEMB 15.3 15.8	ER
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24	25.0 17.2 13.1 13.7 16.7 19.6 21.3 22.3 23.3 21.6 18.5 12.5 15.9 16.7 18.3 19.1 19.6 22.3 25.0 26.4 25.5 25.0 26.4 25.5	JUNE 15.6 12.8 10.8 9.7 10.6 12.8 14.8 16.1 14.4 16.1 12.5 11.3 10.0 12.0 13.1 15.6 14.2 14.8 15.8 18.0 19.3	19.8 14.8 11.8 11.7 13.5 15.9 17.7 18.8 19.0 18.7 15.4 11.8 12.7 14.1 15.5 17.1 17.1 18.3 20.1 22.4 22.4 22.4 22.2	26.0 26.7 28.6 33.3 29.3 29.7 23.6 28.2 26.9 27.1 26.9 25.3 24.7 24.5 24.8 21.8 21.8 22.9 24.1 25.3 24.7	JULY 19.5 19.6 19.6 20.4 22.8 22.1 21.3 19.5 20.1 20.1 21.3 19.5 19.5 18.8 17.7 18.3 18.3 18.3 18.3 17.9 17.9 17.9 17.4 17.2 16.9	22.8 23.0 23.8 26.3 25.5 24.7 22.8 23.1 22.8 23.2 23.0 22.5 22.1 22.0 21.2 20.9 20.2 20.2 20.2 21.4 22.6 21.4 22.6	28.2 28.7 25.2 28.6 29.8 30.4 30.6 29.8 25.2 27.1 25.3 29.1 26.4 23.8 25.0 27.6 25.9 26.9	AUGUST 14.8 17.1 18.3 19.1 17.4 18.3 21.6 20.3 19.6 17.1 18.5 17.1 15.9 16.6 17.1 15.6 16.3 16.7	21.2 22.8 21.5 23.7 23.5 24.3 25.1 24.5 22.2 21.5 21.1 22.2 20.3 20.4 20.9 21.1 20.9	19.3 21.6 19.3	SEPTEMB 15.3 15.8 13.0 13.0	ER
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1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25	25.0 17.2 13.1 13.7 16.7 19.6 21.3 22.3 23.3 21.6 18.5 12.5 15.9 16.7 18.3 19.1 19.6 20.6 22.3 25.0 26.4 25.5 25.3 23.8 20.9	JUNE 15.6 12.8 10.8 9.7 10.6 12.8 14.8 16.1 14.4 16.1 12.5 11.3 10.0 12.0 13.1 15.6 14.2 14.8 15.8 18.0 19.3 19.0 17.4	19.8 14.8 11.8 11.7 13.5 15.9 17.7 18.8 19.0 18.7 15.4 11.8 12.7 14.1 15.5 17.1 17.1 18.3 20.1 22.4 22.6 22.2 20.5	26.0 26.7 28.6 33.3 29.3 29.7 23.6 28.2 26.9 27.1 26.9 25.3 24.7 24.5 24.8 21.8 21.8 22.9 24.1 25.3 26.6 27.1 27.1	JULY 19.5 19.6 19.6 20.4 22.8 22.1 21.3 19.5 20.1 20.1 19.3 19.5 18.8 17.7 18.3 18.3 18.3 18.0 17.9 17.9 17.9 17.9 19.0	22.8 23.0 23.8 26.3 25.5 24.7 22.8 23.1 22.8 23.2 23.0 22.5 22.1 22.0 21.2 20.9 20.2 20.2 20.2 21.4 22.6 21.4 22.6 22.1 22.9 21.4 22.6 22.1 22.9 21.4 22.9 21.4 22.9 21.4 22.9 21.4 22.9 21.4 22.9 22.9 22.9 22.9 22.9 22.9 22.9 22	28.2 28.7 25.2 28.6 29.8 30.4 30.6 29.8 25.2 27.1 25.3 29.1 26.4 23.8 25.0 27.6 25.9	AUGUST 14.8 17.1 18.3 19.1 17.4 18.3 21.6 20.3 19.6 17.1 18.5 17.1 15.9 16.6 17.1 15.6 16.3 16.7	21.2 22.8 21.5 23.7 23.5 24.3 25.1 24.5 22.2 21.5 21.1 22.2 20.3 20.4 20.9 21.2 21.1 20.9	 19.3 21.6 19.5 19.3 19.6 21.1	SEPTEMB 15.3 15.8 13.0 13.0 13.0 14.8 13.9	ER
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	25.0 17.2 13.1 13.7 16.7 19.6 21.3 22.3 23.3 21.6 18.5 12.5 15.9 16.7 18.3 19.1 19.6 22.3 25.0 26.4 25.5 25.5 25.5 25.5 25.5 25.5 25.5 25.5 25.5 25.5 25.5 26.4 27.5 2	JUNE 15.6 12.8 10.8 9.7 10.6 12.8 14.8 16.1 14.4 16.1 12.5 11.3 10.0 12.0 13.1 15.6 15.0 14.2 14.8 15.8 18.0 19.0 17.4 17.5 17.4 17.7 18.5 19.3	19.8 14.8 11.8 11.7 13.5 15.9 17.7 18.8 19.0 18.7 15.4 11.8 12.7 14.1 15.5 17.1 17.1 18.3 20.1 22.4 22.6 22.2 20.5 18.9 20.6 21.7 22.4 23.0	26.0 26.7 28.6 33.3 29.3 29.7 23.6 28.2 26.9 27.1 26.9 26.4 25.3 24.7 24.5 24.8 21.8 22.9 24.1 25.3 26.6 25.9 27.1 26.6 27.1 27.1 28.6 29.7 29.7 29.7 29.7 29.7 29.7 29.7 29.7	JULY 19.5 19.6 19.6 20.4 22.8 22.1 21.3 19.5 20.1 20.1 20.1 19.3 19.5 18.8 17.7 18.3 18.3 18.3 17.9 17.9 17.9 17.4 17.2 16.9 19.0 17.9 15.1 17.7 14.5	22.8 23.0 23.8 26.3 25.5 24.7 22.5 23.1 22.8 23.2 23.0 22.5 22.1 22.0 21.2 20.2 20.2 20.2 20.2 21.4 21.9 21.4 22.6 22.1 22.5 21.3 21.3 21.3 21.3	28.2 28.7 25.2 28.6 29.8 30.4 30.6 29.8 25.2 27.1 25.3 29.1 26.4 23.8 25.0 27.6 25.9 26.9	AUGUST 14.8 17.1 18.3 19.1 17.4 18.3 21.6 20.3 19.6 17.1 18.5 17.1 15.9 16.6 17.1 15.6 16.3 16.7	21.2 22.8 21.5 23.7 23.5 24.3 25.1 24.5 22.2 21.5 21.1 22.2 20.3 20.4 20.9 21.2 21.1 20.9	19.3 21.6 19.3 21.1	SEPTEMB 15.3 15.8 13.0 13.0 13.0 14.8 13.9	ER
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29	25.0 17.2 13.1 13.7 16.7 19.6 21.3 22.3 23.3 21.6 18.5 12.5 15.9 16.7 18.3 19.1 19.6 20.6 22.3 25.0 26.4 25.5 25.3 23.8 20.9 24.5 26.4	JUNE 15.6 12.8 10.8 9.7 10.6 12.8 14.8 16.1 14.4 16.1 12.5 11.3 10.0 12.0 13.1 15.6 15.0 14.2 14.8 15.8 18.0 19.3 19.0 17.4 17.5 17.4 17.7 18.5	19.8 14.8 11.8 11.7 13.5 15.9 17.7 18.8 19.0 18.7 15.4 11.8 12.7 14.1 15.5 17.1 17.1 18.3 20.1 22.4 22.6 22.2 20.5 18.9 20.6 21.7 22.4	26.0 26.7 28.6 33.3 29.3 29.7 23.6 28.2 26.9 27.1 26.9 26.4 25.3 24.7 24.5 24.8 21.8 21.8 22.9 24.1 25.3 26.9 27.1 26.9 27.1 26.9 27.1 26.9 27.1 26.9 27.1 26.9 27.1 26.9 27.1 26.9 27.1 26.9 27.1 26.9 27.1 26.9 27.1 26.9 27.1 26.9 27.1 26.9 27.1 26.9 27.1 26.9 27.1 27.1 27.1 27.1 27.1 27.1 27.1 27.1	JULY 19.5 19.6 19.6 20.4 22.8 22.1 21.3 19.5 20.1 20.1 19.3 19.5 18.8 17.7 18.3 18.3 18.0 17.9 17.9 17.9 17.9 17.4 17.2 16.9 19.0	22.8 23.0 23.8 26.3 25.5 24.7 22.5 23.1 22.8 23.2 23.0 22.5 22.1 22.0 21.2 20.9 20.2 20.2 20.2 21.4 21.9 21.4 22.6 22.1 22.1 22.0 21.1 21.4 22.1 22.1 22.1 21.4 21.4 21.4	28.2 28.7 25.2 28.6 29.8 30.4 30.6 29.8 25.2 27.1 25.3 29.1 26.4 23.8 25.0 27.6 25.9 26.9	AUGUST 14.8 17.1 18.3 19.1 17.4 18.3 21.6 20.3 19.6 17.1 18.5 17.1 15.9 16.6 17.1 15.6 16.3 16.7	21.2 22.8 21.5 23.7 23.5 24.3 25.1 24.5 22.2 21.5 21.1 22.2 20.3 20.4 20.9 21.1 20.9	19.3 19.3 19.5 19.5 19.6 21.1	SEPTEMB 15.3 15.8 13.0 13.0 13.0 14.8 13.9	ER

13068500 BLACKFOOT RIVER NEAR BLACKFOOT, ID--Continued

COLLECTION METHODS.--Composite of 5, $0.25~\mathrm{m}^2$ samples. Richest targeted habitat--riffles. MESH SIZE.--425 um.

AVERAGE DEPTH.--0.31 m.

AVERAGE PERCENT SHADING.--9.

AVERAGE VELOCITY.-- 0.80 m/s.

SUBSTRATE EMBEDDEDNESS CLASS RANGE.--3-4.

PERCENT FINES AVERAGE.--0.

BIOLOGICAL DATA, JULY 2000 BENTHIC INVERTEBRATE COLLECTION DATA

	NUMBER	
ORGANISM	OF	PERCENT
TAXON	INDIV-	COMPO-
GENUS SPECIES DATE July 18	IDUALS	SITION
NON-INSECTS		
Nematoda	17	0.57
Imma.Tubificid with cap.setae	35	1.14
Rhyacodrilus coccineus	26 4	0.85 0.14
Eiseniella tetraedra Hirudinea	4	0.14
Pisidium	9	0.28
Sphaerium striatinum	4	0.14
Potamopyrgus antipodarum	794	25.85
Ferrissia rowelli	4 74	0.14
Fluminicola n.sp. near fuscus Physella	4	2.41 0.14
Gyraulus parvus	4	0.14
Ostracoda	13	0.43
Acari	17	0.57
EPHEMEROPTERA Acentrella	9	0.28
Acentrella parvula	153	4.97
Baetis	563	18.32
Camelobaetidius	17	0.57
Centroptilum	4	0.14
Plauditus punctiventris Caenis	44 31	1.42 0.99
Heptagenia	22	0.99
Stenonema	31	0.99
Choroterpes	4	0.14
Tricorythodes	223	7.24
PLECOPTERA		
Isoperla	4	0.14
MD T GUOD MED 3		
TRICHOPTERA Culoptila	4	0.14
Hydropsyche	22	0.71
Hydroptila	17	0.57
Nectopsyche	9	0.28
Oecetis	13	0.43
LEPIDOPTERA		
Petrophila	17	0.57
COLEOPTERA Microcylloepus	39	1.28
Optioservus	35	1.14
DIPTERA	_	
Ceratopogoninae	4	0.14 0.14
Empididae-pupae <i>Chelifera</i>	13	0.14
Hemerodromia	4	0.14
Simulium	227	7.39
CHIRONOMIDAE		
Chironomidae-pupae	35	1.14
Cladotanytarsus	13	0.43
Cricotopus Trifascia group	9	0.28
Cryptochironomus	22	0.71
Orthocladius Complex Parakiefferiella	17 9	0.57 0.28
Paratanytarsus	4	0.28
Polypedilum	327	10.65
Rheotanytarsus	13	0.43
Tanytarsus	39	1.28
Thienemannimyia group Tvetenia Discoloripes group	52 4	1.70 0.14
Ivecenia Discordinges Gloup	7	0.14

SUMMARY STATISTICS
TOTAL NUMBER OF TAXA 51
TOTAL INDIVIDUALS 3,072